

TEMPEST Videoconferencing System Kit DTD-MXP-SFFT

Lightweight VTC System for Mobile or Mountable Applications

MXP Systems



TANDBERG



*Intuitive
 & User
 Friendly
 Remote
 Control*

**Built and tested to meet the following
 TEMPEST standards:**

- NSTISSAM 1-92 Level I
- AMSG 720B

The DTD-MXP-SFFT is a high performance lightweight Videoconferencing system based on the award winning Tandberg MXP platform. It can be paired with any size display to provide design flexibility for unique environments. It can be rack or vehicle mounted or fit neatly into an optional travel case for mobile executive applications. The W.A.V.E II camera with extensive zoom, pan and tilt provides high quality video. The camera is detachable for stowable requirements and comes with a quick release mounting feature.

Options include MultiSite with rate matching and transcoding, live presentations through NPP one-step PC plug-in or LAN connection, H.320 Serial interface (RS530/366) for ISDN, INMARSAT and Type 1 encryption support, DVI input, and more.

The Tandberg MXP codec platform is also J1TC approved.



Use with the DTD-21T or dual DTD-40T Widescreen displays

DTD-MXP-SFFT FEATURES AND OPTIONS

Included: Wireless remote control, microphone, Detachable W.A.V.E. II camera

BANDWIDTH

H.323/SIP up to 2 Mbps
 Optional H.320 up to 512 kbps

FIREWALL TRAVERSAL

TANDBERG Expressway™ Technology
 Auto NAT
 H.460.18, H.460.19 Firewall Traversal

VIDEO STANDARDS

H.261, H.263, H.263+, H.263++ (Natural Video), H.264 (AVC) (CAVLC).

VIDEO FEATURES

Advanced Screen Layouts, Picture in Picture (PIP), Picture outside Picture, Side by Side

VIDEO INPUT/OUTPUT OPTIONS

1 x DB9 W.A.V.E. II, auto white balance, PTZ (standard)

Options:

- 1 x DB15 or DVI-I (PC) Input – to Codec for H.239
- 1 x DB9 component Video Input
- 1 x DB9 composite Video Input
- 1 x DB9 HD Camera input

VIDEO FORMAT

NTSC, PAL, VGA, SVGA, XGA, W-XGA, SXGA, HD720p

LIVE VIDEO RESOLUTIONS

NATIVE NTSC: 400p (528 x 400 pixels), 4SIF (704 x 480 pixels), Digital Clarity, Interlaced SIF (SIF 352 x 480 pixels), Natural Video SIF (352 x 240 pixels), and w288p, w448p, w576p, w720p wide resolutions

CONTENT RESOLUTION

CIF, SIF, 4CIF (H.261 Annex D), 4SIF, VGA, SVGA, XGA

OTHER MAJOR STANDARDS SUPPORTED

H.231, H.233, H.234, H.235 v2&v3, H.239, H.241, H.243, H.281, BONDING (ISO 13871), H.320, H.323, H.331 RFC 3261, RFC 2237, RFC 3264, RC 3311, RFC 3550, RFC 2032, RFC 2190, RFC 2429, RFC 3407

AUDIO STANDARDS

G.711, G.722, G.722.1, G.728, 64 bit & 128 bit MPEG4 AAC-LD

AUDIO FEATURES

CD-Quality 20 KHz support, Two separate acoustic echo cancellers, Automatic Gain Control (AGC) Automatic Noise Reduction, Audio level meters, packet loss management

AUDIO INPUT/OUTPUT OPTIONS

- 1 x DB9 microphone (Standard)
- 1 X DB9 Audio out

Options:

- 1 x DB9 Headset/mic
- 1 x DB9 Audio in
- 1 x DB9 microphone

FRAME RATES

30 frames per second @ 168 kbps and above
 60 fields per second @ 336 kbps and above

EMBEDDED ENCRYPTION

Standards-based: H.233, H.234, H.235 v2&v3, DES and AES NIST-validated AES, NIST-validated DES

Automatic key generation and exchange

NETWORK FEATURES

Auto H.320/H.323 dialing SIP
 Downspeeding

Programmable network profiles Intelligent Call Management Maximum call length timer

SECURITY FEATURES

Management via HTTPS

IP Administration Password Menu Administration Password Dialing Access code, H.243 MCU Password SNMP security alerts, Disable IP services

MD-5 Challenge

Network Settings protection SIP Authentication via NTLM, SIP Authentication via Digest

MOUNTING OPTIONS

- 19" standard rack mount
- Rear panel display mount
- Wall mount

IP NETWORK FEATURES

H.235 Gatekeeper Authentication
 DNS lookup for service configuration Differentiated Services (DiffServ)
 Resource Reservation Protocol (RSVP)

IP precedence
 IP type of service (ToS)
 IP adaptive bandwidth management

Auto gatekeeper discovery
 Intelligent Packet Loss Recovery (IPLR)
 Cisco Call Manager integration using ECS

IPv6 NETWORK SUPPORT

Dual Stack IPv4 and IPv6
 Net service support on IPv6: Telnet, HTTP, HTTPS, ftp, SNMP, DNS, NTP, DHCP

Media support on IPv6: H.323, Streaming

NETWORK INTERFACE OPTIONS

1 x Fiber LAN/Ethernet (SC) 10, 100, or 1000 Mb
 1 x RS-530 w/ RS-366dialing (optional)

DUAL STREAM OPTION

DuoVideo including H.239 (NPP option)

PRESENTATIONS AND COLLABORATION OPTION

Natural Presenter Package including:
 PC Presenter (DVI-I, SXGA In)

PC *Soft*Presenter

Digital Clarity & Native Formats
 Advanced Video Layouts

Streaming compatible with Cisco IP/TV, Apple QuickTime®, RealPlayer® v8 etc.

CLOSED CAPTIONING/TEXT CHAT

T.140 text chat available from Telnet, Web and User Interface

ELECTRICAL

Auto sensing power 90-260VAC, 47-63 Hz/80W

WEIGHT AND DIMENSIONS

Dimensions: 16" W x 2.0" H x 15" D
 Weight: 8.75 lbs.

WARRANTY

One-year parts and labor and software. Return to Depot.

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